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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/703,481 10/31/00 TILLGREN

M 34650-658PT

EXAMINER

PM82/0522

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ART UNIT

PAPER NUMBER

3661

DATE MAILED:

05/22/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	09/703,481	TILLGREN ET AL.	
	Examiner	Art Unit	
	DALENA TRAN	3661	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 31 October 2000.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. § 119**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

**Attachment(s)**

- |  |  |
|--|--|
| 15) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                     | 18) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 16) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 19) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 17) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____    | 20) <input type="checkbox"/> Other: _____                                    |

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## DETAILED ACTION

### Notice to Applicant(s)

1. This application has been examined. Claims 1-27 are pending.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-27, as understood by examiner, are rejected under 35 U.S.C.103(a) as being unpatentable over Hancock et al. (6,202,023) in view of Hasegawa (6,199,012), Khavakh et al.(6,192,314), and Delorme et al. (5,948,040).

As per claim 1, Hancock et al. disclose a system for retrieving position-related information, comprising: an electronic reading device (see column 3, lines 1-22), and a server for identifying a specific geographical location (see the abstract). Hancock et al. do not clearly mention a map including a representation of a particular geographical area. However, Hasegawa mention that (see the abstract; and column 2, lines 5-58). Hasegawa also mention an address pattern and each position on the address pattern can be identified from an associated unique portion of the address pattern (see columns 4-6, lines 61-19). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of Hancock

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et al. by mention a map including a representation of a particular geographical area, and an address pattern, and each position on the address pattern can be identified from an associated unique portion of the address pattern to give the driver or the passenger visual route guidance.

As per claim 2, Hancock et al. disclose the associated unique portion of the address pattern comprises a region of the address pattern at and around a position that corresponds to the specific geographical location (see column 4, lines 1-58).

As per claim 3, Hancock et al. disclose the server sends information relating to the specific geographical location to an electronic device (see column 3, lines 23-64).

As per claims 4 and 11, Hancock et al. disclose the information sent by the server comprises a route description from a current geographical location to the specific geographical location (see columns 5-6, lines 53-64).

As per claims 5 and 6, Hancock et al. disclose a positioning device for determining the current geographical location (see columns 10-11, lines 66-39).

As per claims 7 and 8, Hancock et al. do not clearly mention the electronic reading device used to detect an additional portion of the address pattern corresponding to an original location . However, Khavakh et al. mention geographical location comprises a destination location, and the electronic reading device used to detect an additional portion of the address pattern corresponding to an original location (see the abstract; column 2, lines 13-38; and columns 13-14, lines 38-51). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of Hancock et al. by mention geographical location

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comprises a destination location, and the electronic reading device used to detect an additional portion of the address pattern corresponding to an original location to determine an optimum route to travel for the user between locations in a geographic region.

As per claim 9, Hancock et al. do not clearly mention a suggest form of transport. However, Delorme et al. mention that (see column 6, lines 8-54; and columns 8-9, lines 33-64). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of Hancock et al. by mention a suggest form of transport to provide a user a variation of travel choices.

As per claim 10, Hancock et al. disclose the information sent by the server comprises at least one of a distance and a direction from the origination location to the destination location (see columns 11-12, lines 40-8).

As per claim 12, Hancock et al. disclose the electronic device includes a display screen and an Internet browser for displaying the information sent by the server (see columns 24-25, lines 25-46; and columns 26-27, lines 42-38).

As per claim 13, Hancock et al. disclose the electronic reading device detects a plurality of positions on the address pattern (see columns 9-10, lines 17-47).

Claims 14-16 are method claims corresponding to system claims 1-3 above. Therefore, they are rejected for the same rationales set forth as above.

Claims 17-18 are method claims corresponding to system claims 4-5 above. Therefore, they are rejected for the same rationales set forth as above.

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Claim 19 is method claims corresponding to system claim 7 above. Therefore, it is rejected for the same rationales set forth as above.

Claims 20-21 are method claims corresponding to system claims 9 above. Therefore, they are rejected for the same rationales set forth as above.

Claims 22 and 23 are method claims corresponding to system claims 11 and 13 above. Therefore, they are rejected for the same rationales set forth as above.

As per claim 24, Hancock et al. disclose detecting a plurality of selected positions and identifying a feature of the identified geographical area (see columns 27-29, lines 39-67).

Claim 25 is method claims corresponding to system claim 10 above. Therefore, it is rejected for the same rationales set forth as above.

As per claim 26, Khavakh et al. disclose tracing a route on a map that includes the address pattern (see columns 6-7, lines 59-33), and calculating a distance between a first and second position (see columns 12-13, lines 27-9; and column 24, lines 33-63).

As per claim 27, Hancock et al. disclose a method for producing a map, comprising: identifying a region of the selected address pattern that corresponds to a geographical area (see columns 18-19, lines 38-43). Hasegawa mention assigning each position of a selected address pattern to a corresponding geographical location (see columns 6-7, lines 62-18), and printing the map on the identified region of the selected address pattern. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teach of Hancock

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et al. by mention assigning each position of a selected address pattern to a corresponding geographical location to generate a map corresponding to the present position along a travel route.

***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

. LeBlanc (5,570,412)

. McDonough et al.(6,163,749)

. Berstis(6,182,010)

. Tran (6,202,060)

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Dalena Tran, whose telephone number is (703) 308-8223. The examiner can normally be reached on Monday-Friday from 7:00 AM-4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Cuchlinski, can be reached on (703) 308-3873.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
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**or faxed to:**

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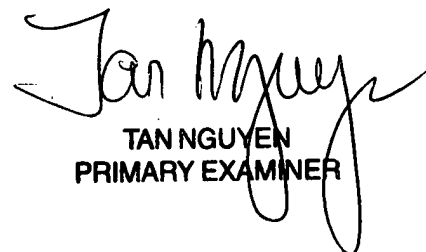
(703) 305-7687, (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park V, 2451 Crystal Drive, Arlington, VA., Seventh Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-1113.

/dt

May 15, 2001

  
TAN NGUYEN  
PRIMARY EXAMINER